

## CLAIMS

1. Displacement device, particularly for construction machines, with a guide,  
a carriage, which is displaceably mounted on the guide,  
an operating cylinder for displacing the carriage, the operating cylinder having a piston rod extendible from a cylinder block and  
a support element for preventing buckling of the piston rod,  
wherein  
the support element is displaceably mounted both on the piston rod and on the guide or carriage and  
the support element, on extending the piston rod, is displaceable up to a predetermined support position on said piston rod.
2. Displacement device according to claim 1, wherein the operating cylinder is a hydraulic cylinder.
3. Displacement device according to claim 1, wherein the operating cylinder is articulated on the one hand to the guide and on the other to the carriage and is positioned parallel to the guide.
4. Displacement device according to claim 1, wherein a dog is provided on carriage for the displacement of the support element.
5. Displacement device according to claim 1, wherein a stop is provided on guide for limiting the displacement of the support element.
6. Displacement device according to claim 1, wherein in the case of a completely extended piston rod, the support element is located in the centre of the extended piston rod.
7. Displacement device according to claim 1, wherein the support element completely embraces the piston rod.
8. Displacement device according to claim 1, wherein several support elements are provided on a piston rod, whose support positions are mutually offset.
9. Construction machine with a displacement device according to claim 1, wherein the guide is constructed on a mast which is vertical in operation and the piston rod is downwardly extendible along the mast.
10. Construction machine with a displacement device according to claim 1, wherein the guide is constructed as an inside guide and the carriage as an

outside guide and the piston rod is extendible vertically upwards in operation.